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Attorney Docket No. 351044-007 BWT-006US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Wilson, et al.

TITLE:

METHODS FOR DETECTION OF TARGET MOLECULES
AND MOLECULAR INTERACTIONS

SERIAL NUMBER:

10/817,225

FILING DATE:

April 2, 2004

GROUP ART UNIT:

1645

Boston, Massachusetts

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

This Information Disclosure Statement is being been filed:

- ☐ within three months of the filing date of the National Application;
- ☒ prior to receipt of first office action on the merits; or
- ☐ within three months of receipt of art cited in a related foreign application.

Accordingly, no fee or certification is required. 37 C.F.R. §1.97.

A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). Copies of any United States patents or publications are not included. It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the

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U.S.S.N.: 10/817,225
INFORMATION DISCLOSURE STATEMENT

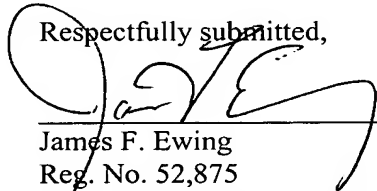
cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-3431, Reference No. 351044-0007.

Dated: April 15, 2005

Respectfully submitted,


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SPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 351044-007		Serial No. 10/817,225		
INFORMATION DISCLOSURE STATEMENT				Applicant(s): Wilson <i>et al.</i>				
				Filing Date: April 2, 2004		Group: 1645		
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	A1	5,635,602	06 June 1997	Cantor <i>et al.</i>	C07K	17/00	13 August 1993	
	A2	5,665,539	09 September 1997	Sano <i>et al.</i>	C12Q	1/66	04 October 1993	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	EP 0832431	16 August 2001	Europe	G01N	33/543	X	
	B2	WO 90/11375	09 October 1990	WO	C12Q	1/68		
	B3	WO 97/00446	03 January 1997	WO	G01N	33/543		
	B4	WO 01/61037	23 August 2001	WO	C12Q	1/68		
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
	C1	International Search Report for PCT/GB02/04489 (WO03/029489)						
	C2	Bosworth, <i>et al.</i> , "Scintillation Proximity Assay," <u>Nature</u> , Vol 341, No. 6238, pgs. 167-168, 1989.						
	C3	Compton, J., "Nucleic Acid Sequence-Based Amplification," <u>Nature</u> , Vol 350, No. 6313, pgs. 91-92, 1991.						
	C4	Fahy, <i>et al.</i> , "Self-Sustained Sequence Replication (3SR): An Isothermal Transcription-Based Amplification System Alternative to PCR," <u>PCR Methods and Applications</u> , Vol. 1, No. 1, pgs. 25-33, 1991.						
	C5	Fields, <i>et al.</i> , "The Two-Hybrid System: An Assay for Protein-Protein Interactions," <u>Trends In Genetics</u> , Vol. 10, No. 8, pgs. 286-292, 1994.						
	C6	Kim, <i>et al.</i> , "Recombinant Fragment Assay for Gene Targetting Based on the Polymerase Chain Reaction," <u>Nucleic Acids Research</u> , Vol, 16, No. 18, pgs 8887-8903, 1988.						
	C7	Ma, <i>et al.</i> , "Converting a Eukaryotic Transcriptional Inhibitor into an Activator," <u>Cell</u> , Vol. 55, No. 3, pgs. 443-446, 1988.						
EXAMINER					DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								
**Copies of references not provided at the time of this submission.								